

IHC*easy* UBA1 Ready-To-Use IHC Kit

Catalog Number: **KHC0679**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Mouse Monoclonal

Secondary antibody type:
Polymer-HRP-Goat anti-Mouse

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

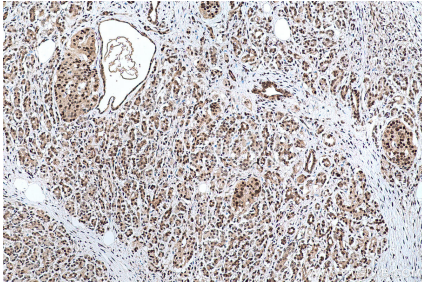
Background

UBE1 (Ubiquitin-activating enzyme E1) is also named as A1S9T, UBE1 and belongs to the ubiquitin-activating E1 family. It catalyzes the first step in ubiquitin conjugation to mark cellular proteins for degradation and initiates the activation and conjugation of ubiquitin-like proteins. Defects in UBE1 are the cause of spinal muscular atrophy X-linked type 2 (SMA_{X2}).

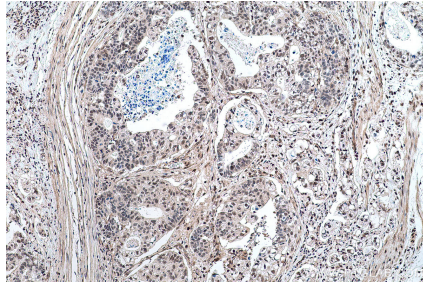
Synonyms

A1S9, A1S9T, A1ST, AMCX1, GXP1, Protein A1S9, SMA_{X2}, UBA1, UBA1A, UBE1, UBE1X, Ubiquitin activating enzyme E1

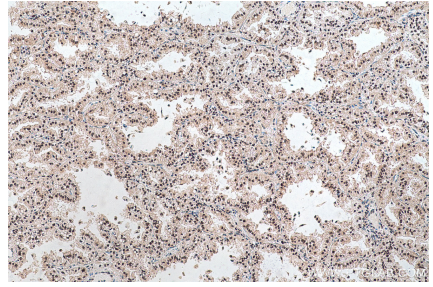
Selected Validation Data



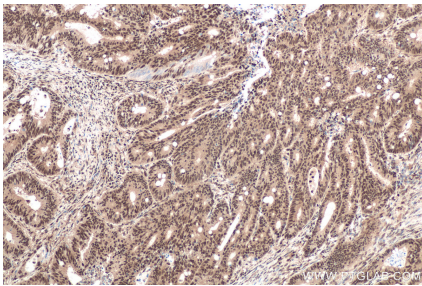
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC0679 (UBA1 IHC Kit).



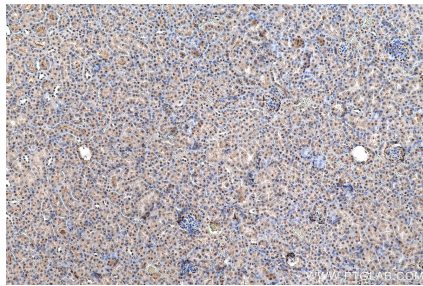
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC0679 (UBA1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0679 (UBA1 IHC Kit).



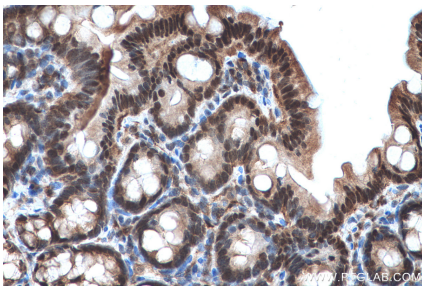
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0679 (UBA1 IHC Kit).



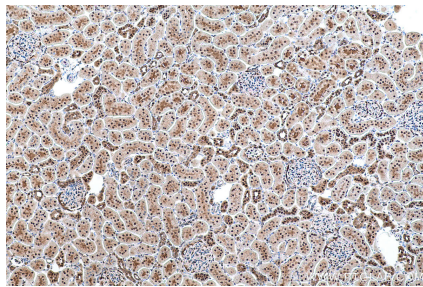
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC0679 (UBA1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC0679 (UBA1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat colon tissue slide using KHC0679 (UBA1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC0679 (UBA1 IHC Kit).